



SunStay

BRP710 LED45 CW MR HY FDIM50 SOLAR IN

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different tilt angles, lateral and pole top mounting.

Product data

General information		Configurability	
Driver included	Yes		Factory Configurable
Optical cover/lens type	UV stabilized Polycarbonate cover	Mechanical and housing	
Cable	Cable 0.8m, 2-core, 1.5mm2	Overall length	757 mm
CE mark	CE mark	Overall width	511 mm
Material	Pressure die cast aluminum	Overall height	188 mm
		Color	RAL 7011
Operating and electrical		Approval and application	
Input Voltage	240 V	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Input Frequency	50 Hz	Mech. impact protection code	IK08 [5 J vandal-protected]
Battery type	Lithium Ferro Phosphate	Surge Protection (Common/Differential)	Surge protection level until 4 kV
Battery ampere hour	30 Ah	Initial performance (IEC compliant)	
Battery voltage	12.8 V	Initial luminous flux (system flux)	4500 lm
Battery charging & discharging cycles	2000	Initial LED luminaire efficacy	175 lm/W
Panel type	Mono crystalline	Init. Corr. Color Temperature	5700 K
Panel voltage	17 Vmp, 21 Voc V	Init. Color Rendering Index	>70
Panel peak wattage	60 W	Over time performance (IEC compliant)	
Charge controller type	MPPT	Median useful life L70B50	50000 h
Charge controller wattage	25 W		
Cable connection kit	Included		
Controls and dimming			
Dimmable	Yes		

SunStay

Application conditions

Ambient temperature range	0 to +35 °C
Ambient temperature range for charging	0 to +45 °C
Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Solar dimming profile	5hrs 100% + 7 hrs 50%
Grid connection type	Hybrid
Battery location	Integrated

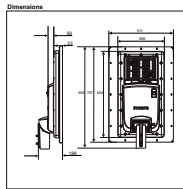
Product data

Order product name	BRP710 LED45 CW MR HY FDIM50 SOLAR IN
--------------------	--

Order code	919515813617
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515813617
Net Weight (Piece)	24.000 kg



Dimensional drawing



PHILIPS

BRP710 LED45 CW MR HY FDIM50 SOLAR IN

